ಅಂದಾಜು ಪಟ್ಟಿಯ ವರದಿ

ವಿಷಯ: Improvements to Roads and Drains at Saraipalya in Ward No.06, Byatarayanapura Sub Division.ಕಾಮಗಾರಿ ಅಂದಾಜನ್ನು ಅನುಮೋದನೆಗೆ ಸಲ್ಲಿಸುವ ಬಗ್ಗೆ.

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪವಿಭಾಗ ವ್ಯಾಪ್ತಿಯಲ್ಲಿನ ವಾರ್ಡ್ ನಂ: 06ರ ಸಾರಾಯಿಪಾಳ್ಯ ರಸ್ತೆ ಮತ್ತು ಚರಂಡಿ ನಿರ್ಮಾಣ ಮಾಡುವ ಕಾಮಗಾರಿಯನ್ನು ಪೂಜ್ಯ ಮಹಾಪೌರರ ಅನುದಾನದಡಿಯಲ್ಲಿ ರೂ. 25.00 ಲಕ್ಷಕ್ಕೆ ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು ತಯಾರಿಸಿ ಅನುಮೋದನೆಗಾಗಿ ಸಲ್ಲಸಲಾಗಿದೆ. ಅಚಿದಾಜು ಪಟ್ಟಿಯಲ್ಲಿ ಈ ಕೆಳಕಂಡ ಐಟಂ ಗಳನ್ನು ಅಳವಡಿಸಲಾಗಿದೆ.

1. ಚರಂಡಿಯಲ್ಲಿ ಮತ್ತು ರಸ್ತೆಯಲ್ಲಿ ಹೂಳು ತೆಗೆಯುವುದು.
2. ಮಣ್ಣು ಅಗೆತ ಮಾಡುವುದು.
3. ಕಲ್ವರ್ಟ್‌ಗಳ ನಿರ್ಮಾಣ
4. ಎಂಬ್ಯಾಕ್‌ಮೆಂಟ್ ಮಾಡುವುದು.
5. ವೆಟ್‌ಮಿಕ್ಸ್ ಮತ್ತು ಪ್ರೈಮ್‌ಕೋಟ್ ಅಳವಡಿಸುವುದು.
6. ಎಸ್.ಡಿ.ಬಿ.ಸಿ ಅಳವಡಿಸುವುದು.
7. ಟ್ಯಾಕ್ ಕೋಟ್, ಬಿ.ಎಂ ಅಳವಡಿಸುವುದು.
8. ಅಗೆತ ಮಾಡಿರುವ ಮಣ್ಣನ್ನು ಹೊರಸಾಗಿಸುವುದು.

ಅಂದಾಜು ಪಟ್ಟಿಯನ್ನು 2012–13ನೇ ಸಾಲಿನ ಪಿ.ಡಬ್ಲ್ಯೂ.ಡಿ, ದರಸೂಚಿ ದರಗಳ ಆದಾರದ ಮೇಲೆ ತಯಾರಿಸಲಾಗಿದೆ. ಸದರಿ ಕಾಮಗಾರಿಯು ಅತ್ಯವಶ್ಯಕವಾಗಿರುವುದರಿಂದ ಪೂಜ್ಯ ಮಹಾಪೌರರ ಅನುದಾನದಡಿಯಲ್ಲಿ. ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ, ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಲು ಈ ಮೂಲಕ ಕೋರಲಾಗಿದೆ.

ಸಹಾಯಕ ಅಧೀಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಬಾ

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore-24

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Improvements to Roads and Drains at Saraipalya in Ward No.06, Byatarayanapura Sub Division

							Estimate Cost Rs.		2500000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2012-13	cum							
	Desiltation Of Drains								
	Cross Roads		2	150.00	0.40	0.40	48.00		
	Main Road		2	150.00	0.40	0.40	48.00		
	Cross Roads		2	180.00	0.40	0.40	57.60		
			2	100.00	0.40	0.40	32.00		
	Burm Cutting								
	Cross Roads		2	150.00	0.95	0.40	114.00		
	Main Road		2	150.00	0.95	0.40	114.00		
	Cross Roads		2	180.00	0.95	0.40	136.80		
			2	100.00	0.95	0.40	76.00		
							626.40	112.32	**70357.00**
	Basic Rate	104.00							
	Area Weightage @ 8%	8.32							
	Total	**112.32**							
2	KSRRB M300-53: construction of **embankment** with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) MORTH specification Page No. 305.4.3, No. 156/ Item No. 19.60/ PWD SR 2011-12	Cum							
	Cross Roads		1	150.00	5.50	0.25	206.25		
			1	150.00	5.50	0.25	206.25		
	Cross Roads		1	180.00	5.50	0.25	247.50		
			1	100.00	5.50	0.25	137.50		
							797.50	146.88	**117137.00**
	Basic Rate	136.00							
	Area Weightage @ 8%	10.88							
	Total	**146.88**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, No. 166/ Item No. 20.18/ PWD SR 2012-13	Cum							
	Cross Roads		1	150.00	5.50	0.20	165.00		
			1	150.00	5.50	0.20	165.00		
	Cross Roads		1	180.00	5.50	0.20	198.00		
			1	100.00	5.50	0.20	110.00		
							638.00	1059.48	**675948.00**
	Basic Rate	981.00							
	Area Weightage @ 8%	78.48							
	Total	**1059.48**							
4	KSRRB 500-4: providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications MORTH chapter 5, No. 172/ Item No. 21.4.2/ PWD SR 2012-13 Medium Porosity	**Sqm**							
	Cross Roads		1	150.00	5.50		825.00		
			1	150.00	5.50		825.00		
	Cross Roads		1	180.00	5.50		990.00		
			1	100.00	5.50		550.00		
							3190.00	85.10	**271482.00**
	Basic Rate	78.80							
	Area Weightage @ 8%	6.30							
	Total	**85.10**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRRB 500-11 : Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1 km including cost of all materials, labour, HOM of machineries complete as per specification. MORTH Chapter 5 with 80/100 grade bitumen (Page No.173, Item No. 21.11.1)	Sqm							
	Cross Roads		1	150.00	2.00	0.075	22.50		
			1	150.00	2.00	0.075	22.50		
	Cross Roads		1	180.00	2.00	0.075	27.00		
			1	100.00	2.00	0.075	15.00		
							87.00	6368.50	**554060.00**
	Basic Rate	5896.76							
	Area Weightage @ 8%	471.74							
	Total	**6368.50**							
6	KSRRB 500-7 : Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH / Chapter 5 (Page No.173, Item No. 21.9)	Sqm							
	Cross Roads		1	150.00	2.00		300.00		
			1	150.00	2.00		300.00		
	Cross Roads		1	180.00	2.00		360.00		
			1	100.00	2.00		200.00		
							1160.00	26.24	**30443.00**
	Basic Rate	24.30							
	Area Weightage @ 8%	1.94							
	Total	**26.24**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	KSRRB M500-18 : Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.8 complete in all respects as per specifications .25-30mm compacted thickness with 5% bitumen 80/100 grade (Grading II) (Page No.175, Item No. 21.20.1)	Sqm							
	Cross Roads		1	150.00	5.50	0.025	20.63		
			1	150.00	5.50	0.025	20.63		
	Cross Roads		1	180.00	5.50	0.025	24.75		
			1	100.00	5.50	0.025	13.75		
							79.75	9241.80	737033.00
	Basic Rate	8557.22							
	Area Weightage @ 8%	684.58							
	Total	9241.80							
8	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1				626.40	67.32	42169.00
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading and unloading	62.20							
	Total	67.32							
9	Miscesallaneous Charges	L/S							1371.00
								Total	2500000.00

ADMINISTRATIVELY SANCTIONED FOR Rs 25.00 lak
Rupees Twenty Five lakhs only

Dt. JC(W) A/S / Letter No. 877 sanctioned for Rs. 25.00 lakh

Commissioner
Bruhat Bengaluru

(Rupees Twenty Five Lakhs Only)

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2012-13
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical sanction Rs. 25.00 lakhs
Twenty five lakhs
under PQ190, 2012-13 mayor grant

Register NO 107/12-13. 6.02.13

Superintending Engineer 6/2/2013
Yelahanka Zone
BBMP Bangalore